

PCT

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 63298A	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2004/036707	International filing date (day/month/year) 03/11/2004	(Earliest) Priority Date (day/month/year) 14/11/2003
Applicant DOW GLOBAL TECHNOLOGIES INC.		

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This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

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Int. Application No
PCT/US2004/036707

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C211/59 C07C211/61 C07D285/14 C08G73/02 H01L51/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07D C08G H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2004/037887 A (COVION ORGANIC SEMICONDUCTORS) 6 May 2004 (2004-05-06) page 25; claims	1-14
P,X	EP 1 437 395 A (LG ELECTRONICS) 14 July 2004 (2004-07-14) claim 10, compounds S4 and S5	1
P,X	US 2004/209118 A1 (JEONG DAE SEO ET AL.) 21 October 2004 (2004-10-21) claim 10, compounds G-5, G-6	1
P,X	EP 1 394 617 A (CANON) 3 March 2004 (2004-03-03) page 7 - page 14; claims	5,12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

14 February 2005

Date of mailing of the international search report

22/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) -& JP 2003 316044 A (CANON INC), 6 November 2003 (2003-11-06) the whole document	5-14
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 05, 3 May 2002 (2002-05-03) -& JP 2002 003833 A (TOYO INK MFG CO LTD), 9 January 2002 (2002-01-09) abstract	1
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25, 12 April 2001 (2001-04-12) -& JP 2001 226331 A (MITSUI CHEMICALS INC), 21 August 2001 (2001-08-21) the whole document	1
X	US 4 983 482 A (ONG ET AL) 8 January 1991 (1991-01-08) column 9, line 4 - column 14, line 22; claims; example I	1
X	EP 0 953 624 A (CANON KABUSHIKI KAISHA) 3 November 1999 (1999-11-03) table, compounds 29, 65, 73, 88; examples; claims	1
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 06, 28 June 1996 (1996-06-28) -& JP 08 053397 A (TOYO INK MFG CO LTD), 27 February 1996 (1996-02-27) the whole document	1
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 05, 31 May 1996 (1996-05-31) -& JP 08 020771 A (TOYO INK MFG CO LTD), 23 January 1996 (1996-01-23) the whole document	1-3
X	EP 1 146 034 A (TOYO INK MANUFACTURING CO., LTD) 17 October 2001 (2001-10-17) Table 1, compound 8; examples; claims	1
X	US 2003/157364 A1 (SENOO AKIHIRO ET AL) 21 August 2003 (2003-08-21) page 7, compounds 14 and 16; page 15, compound 52	1
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/000773 A (CAMBRIDGE DISPLAY TECHNOLOGY LIMITED; TOWNS, CARL; O'DELL, RICHARD) 3 January 2003 (2003-01-03) claims; examples	1-14
A	WO 99/54385 A (THE DOW CHEMICAL COMPANY) 28 October 1999 (1999-10-28) claims; examples	1, 5, 12

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Information on patent family members

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